

OF FISH				17.11
Region: Southcentral			USGS Quad:	Valdez A-6
	alog Number of Waterway:		III HOOD Name	Status: Cataloged
Name of Waterway: Lo	owe River Tributary (Local Nar		USGS Name	Local Name
Addition	Deletion	Correction	m location	Backup Information
		For Office Use	208 18.7	
Nomination #	03 194	160		3/18/03
Revision Year:	2003	Regional Supervis	or	Date
				12 MIRO3
	Catalog _X_	AWC Project Biolog	gist	Date
	h	11/2		
Revision Code:	70100	Droffod		Date
		Drafted Drafted	-AM-1-1 01 05100	antio consum v
SITE INFORMATION	Station: JPOS102A05 Visit: 1		atitude: 61.05109	Longitude: -145.92332 A 34, T. 9 S., R. 4 W., C.R.M.
STREAM PARAMETER	Wetted OHW	Legal Descripti	OII. 1444 174 Section	04, 1, 0 0., 10. 4 11., 0.1 1
	Width (m) 1.25 7.5	Water Temp. (C): 6	Stream Stage: Med	dium
	reg Depth (m) 0.2 0.54		avel	
	on 20 m downstream of culvert un		0	Life History Unknown
SPECIES INFORMATIO		Life Stage: Juvenile/Adult  Area (m2): Effort (s): 126 Trag	Count: 2 o Time (h): Trap	Life History: Unknown
Sampling Method: Porta Fish passage barrier at si		Area (m2): Effort (s): 126 Trap	Trap	
	Dolly Varden eluded capture.		5.07585	1
SPECIES INFORMATIO		Life Stage: Juvenile	Count: 3	Life History: Anadromous
Sampling Method: Porta		Area (m2): Effort (s): 30 Trap	p Time (h): Trap	p in:
	ite: Specific Barrier Unknown	ALASKA DEPT. OF	Trap	
Species Comments: App	eared recently emergent.	FISH & GAME		2
		JAN 1 6 2003		
		REGION II		
		HABITAT AND RESTORATION	140	
		DIVISION	211	
Channel local	tion dynamic, su	bject to frequent	lateral	adjustment.
		it page For MA		
number of fish and life stage showing location of mouth a	es observed: sampling methods, san	ter body is important for the spawning, rong the spawning, rong duration and area sampled; copies pecies, as well as other information such parriers; etc.	s of field notes; etc. Att	ach a copy of a map
Name of Observer: D	Doug Lieb, Fisheries Biologist	Phone:	(907)257-1307	Date Printed: 12/26/2002
Signature:	Douglas W. 7	lieb		
Address: J	loint Pipeline Office, Alaska De	epartment of Fish and Game		
	111 W. 4th Avenue			
А	Anchorage, AK 99501 USA			
should be included in Fishes per AS 16.05.8	n or deleted from the Catalog 370.	ent and belief the above inform g of Waters Important for Spaw	ation is evidence ning, Rearing or N	that this waterbody ligration of Anadromous
Signature of Area Bio	ologist:			

#### Appendix C1.-Page 30 of 674.



PIC02010.jpg



C.M.S.									Valda- A C
Region: Southcer				04 00 4407	0054	USGS	Quad: [		Valdez A-6
Anadromous Water					J-2254	■ use	O Name		Cataloged ocal Name
Name of Waterway	: Lowe Rive		cai Nam	ie)	-		S Name	. /	
Addition		Deletion			Correct	ion		Backup I	nformation
				For Office U	lse				
Nomination # _					Regional Sur	pervisor		Dist	
Revision Year: _					regional out	701 11301		Date	2
Revision to:				3	AWC Project I	Biologist		Date	9
Revision Code:	Both								
Revision Code.			<del></del>		Drafted			Date	9
CITE INCODMATIC	M Station:	JPOS102A05	Vicit: 2	Date Ohse	erved: 7/5/2002		61 05109	Longitude:	-145.92332
SITE INFORMATIO	JN Station.	31 03 102/103	VISIL. Z	Date Obst		scription: NW		1-200111-000	
STREAM PARAMETE	R	Wetted	OHW						
	Width	(m)		Wate	r Temp. (C):	Stream 5	Stage: Dry	, Defined Chann	nel
	halweg Depth			100000	inant Substrate		e land the o <b>r</b> u vienu o trebi		
Station Comments:	Stream at stati	on is dry. No flo	wing wat	er present. D	ownstream of cu	lvert a few small on previous visit	pools are s	still present indi- valk up to the pr	cating oint were
	this stream cro	isses ROW reve	aled stre	am has water	flow but much lo	wer at the upper	portion of	stream. Twenty	/-five
	meters upstrea	am of culvert wat	er flow e	nds. Upstrear	n of this a sectio	n of subsurface	flow for 15	m. Upstream	where there
SPECIES INFORM		g is shallow and	iow veloc		: Not Applicable	Count		Life History:	
Sampling Method:			Α	rea (m2):	Effort (s):	Trap Time (h)		p in:	
Fish passage barrie		pplicable		tomat Notional	monmon Am # U		Trap	out:	
Species Comments:									1
Additional Comm	ents:								
IMPORTANT: Provide number of fish and life showing location of m spawning or rearing h	stages observe outh and observ	d; sampling meth ed upper extent o	ods, sam f each sp	pling duration a ecies, as well a	ind area sampled:	copies of field no	tes; etc. Atl	tach a copy of a r	nap
Name of Observe	er: Doug Lieb	, Fisheries Bio	ologisty	× 1	Pho	ne: (907)25	57-1307	Date Printed	d: <u>12/26/2002</u>
Signatur	e: (1)	les Office Als	, K	iel					
Addre	ss: Joint Pine	line Office Als	aska De	partment of	Fish and Game	•			
Addies	411 W. 41		.5114 56	parametr of					
		II Aveilue							
This certifies tha	Anchorag	e, AK 99501	USA						



Region: Southce	ntral	USGS Quad:	Valdez A-6
THE PERSON NAMED IN COLUMN TWO	er Catalog Number of Waterway: 2		Status: Cataloged
	: Lowe River Tributary (Local Nam		Local Name
Addition	Deletion	Correction	Backup Information
	į.	For Office Use	
Nomination #		Parianal Supervisor	-
Revision Year:		Regional Supervisor	Date
	The second secon		
Revision to:	Atlas Catalog	AWC Project Biologist	Date
Pavision Code:	Both		
Revision code.		Drafted	Date
SITE INFORMATION	ON Station: JPOS102A05 Visit: 3	Date Observed: 8/28/2002 Latitude: 61.05109	Longitude: -145.92332
SITE IN ORMATIC		Legal Description: NW 1/4 Section	-
STREAM PARAMETE	THE STATE OF THE S		ALCONOMICS CO. ST.
	Width (m) 1	Water Temp. (C): 8.3 Stream Stage: Me	edium
	Thalweg Depth (m) 0.17	Dominant Substrate: Gravel Stream appears similar to Visit 1. Stream has sections	of shallow gravel riffle flow
Station Comments:	interspersed with deep slow pools. Their	re is woody debris in water and suspended over stream.	One hundred meters
	downstream of culvert stream emerges	onto Lowe River alluvial floodplain. One hundred meter	s downstream on floodplain
	(Stations 02A03 and 02A04).	v. Fifteen meters further downstream is confluence with	Lowe River tributary
SPECIES INFORM	MATION no fish collected or observed	Life Stage: Not Applicable Count:	Life History:
		rea (m2): Effort (s): 296 Trap Time (h): 0.50 Tra	
The state of the s	er at site: Not applicable	1.77	out: 8/28/2002 11:00:00 AM
Species Comments	: Stream was clear and slow and narrow	One trap upstream, 2 set downstream.	1
Additional Comn	nents:		
IMPORTANT: Provide	all supporting documentation that this wate	r body is important for the spawning, rearing or migration of	anadromous fish, including:
showing location of n	e stages observed; sampling methods, samp nouth and observed upper extent of each spe	oling duration and area sampled; copies of field notes; etc. A acies, as well as other information such as: specific stream re	eaches observed as
spawning or rearing h	nabitat; locations, types, and heights of any b	parriers; etc.	
Name of Observ	ver: Doug Lieb, Fisheries Biologist	Phone: (907)257-1307	Date Printed: 12/26/2002
		· L	
Signatu	re: Douglas W. L	10 V	
Addre	ss: Joint Pipeline Office, Alaska Der 411 W. 4th Avenue	partment of Fish and Game	
	Anchorage, AK 99501 USA		
This south of the		at and holief the above information is avidence	that this waterhody
should be included	it in my best professional judgmen	nt and belief the above information is evidence of Waters Important for Spawning, Rearing or I	Migration of Anadromous
Fishes per AS 16			
partie in			
Signature of Are	a Biologist:		

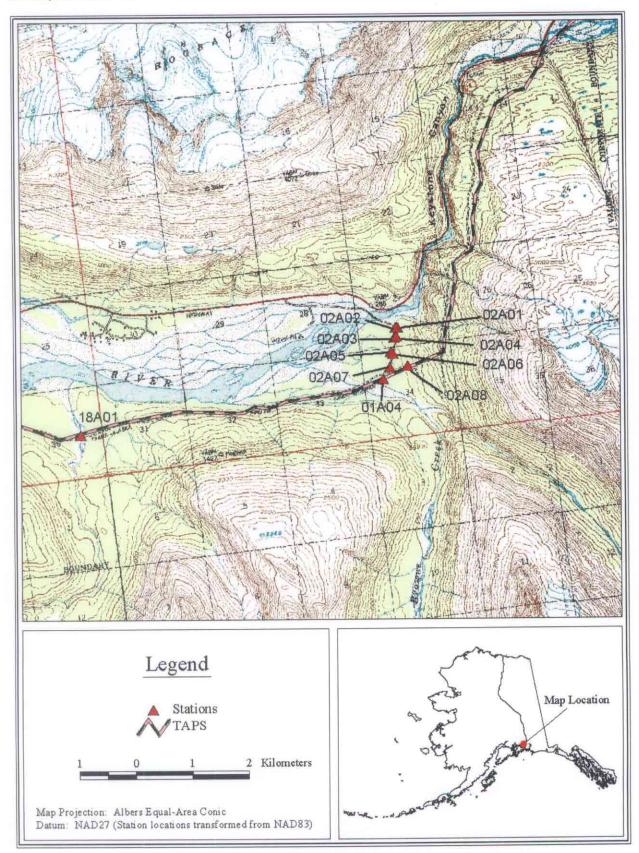


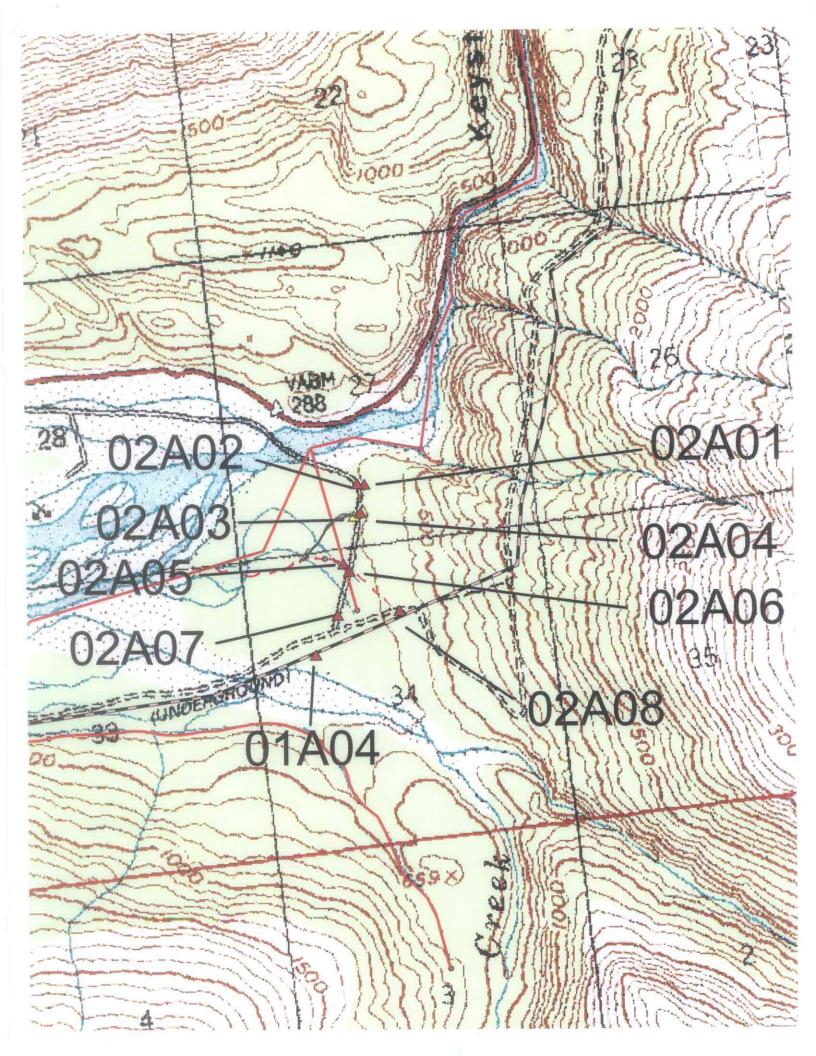
Region: Southcentral	USGS Quad:	Valdez A-6
Anadromous Water Catalog Number of Waterway:		Status:
Name of Waterway: Lowe River Tributary (Local Na	me) USGS Name	Local Name
Addition Deletion	Correction	Backup Information
	For Office Use	
Nomination #		
	Regional Supervisor	Data
Revision Year:	regional supervisor	Date
Revision to Atles Catalan		
Revision to: Atlas Catalog	AWC Project Biologist	Date
Revision Code:		
	Drafted	Date
SITE INFORMATION Station: JPOS102A06 Visit:	Date Observed: 6/5/2002 Latitude: 61.05072	Longitude: -145.92285
W 618W	Legal Description:	1/4 Section , T, R,
STREMINI PARMINETER		eli, me
Width (m) 1	Water Temp. (C): Stream Stage: Me Dominant Substrate: Gravel	aium
Thalweg Depth (m) 0.15 Station Comments: Station upstream of culvert and 02A05		line clearing.
SPECIES INFORMATION Dolly Varden	Life Stage: Juvenile/Adult Count: 3	Life History: Unknown
		p in:
Fish passage barrier at site: Unknown	Trap	out:
Species Comments: Large fish got away, likely a Dolly Var	den.	1
Additional Comments:		
IMPORTANT: Provide all supporting documentation that this was number of fish and life stages observed; sampling methods, san showing location of mouth and observed upper extent of each s spawning or rearing habitat; locations, types, and heights of any	npling duration and area sampled; coples of field notes; etc. At pecies, as well as other information such as: specific stream re	tach a copy of a map
number of fish and life stages observed; sampling methods, san showing location of mouth and observed upper extent of each s spawning or rearing habitat; locations, types, and heights of any Name of Observer: Doug Lieb, Fisheries Biologist	npling duration and area sampled; copies of field notes; etc. At pecies, as well as other information such as: specific stream repetations; etc.  Phone: (907)257-1307	tach a copy of a map
number of fish and life stages observed; sampling methods, san showing location of mouth and observed upper extent of each s spawning or rearing habitat; locations, types, and heights of any Name of Observer: Doug Lieb, Fisheries Biologist	npling duration and area sampled; copies of field notes; etc. At pecies, as well as other information such as: specific stream repetations; etc.  Phone: (907)257-1307	tach a copy of a map aches observed as
number of fish and life stages observed; sampling methods, san showing location of mouth and observed upper extent of each s spawning or rearing habitat; locations, types, and heights of any Name of Observer: Doug Lieb, Fisheries Biologist Signature:	npling duration and area sampled; copies of field notes; etc. At pecies, as well as other information such as: specific stream repetations; etc.  Phone: (907)257-1307	tach a copy of a map aches observed as
number of fish and life stages observed; sampling methods, san showing location of mouth and observed upper extent of each s spawning or rearing habitat; locations, types, and heights of any Name of Observer: Doug Lieb, Fisheries Biologist Signature: Douglas W. Address: Joint Pipeline Office, Alaska De	npling duration and area sampled; copies of field notes; etc. At pecies, as well as other information such as: specific stream repetations; etc.  Phone: (907)257-1307	tach a copy of a map aches observed as
number of fish and life stages observed; sampling methods, san showing location of mouth and observed upper extent of each s spawning or rearing habitat; locations, types, and heights of any Name of Observer: Doug Lieb, Fisheries Biologist Signature:	npling duration and area sampled; copies of field notes; etc. At pecies, as well as other information such as: specific stream repetations; etc.  Phone: (907)257-1307	tach a copy of a map aches observed as

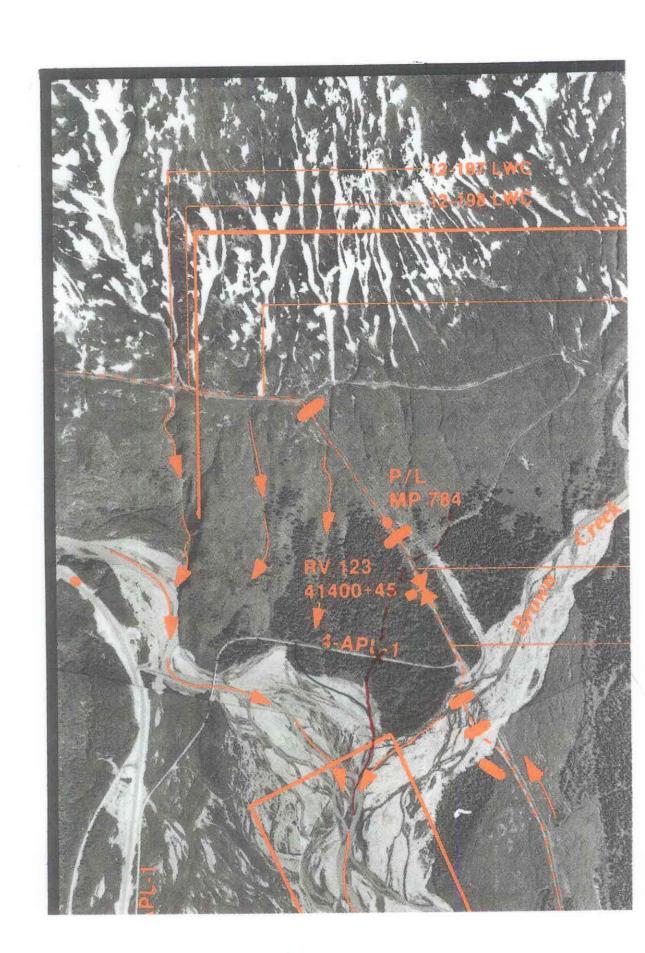


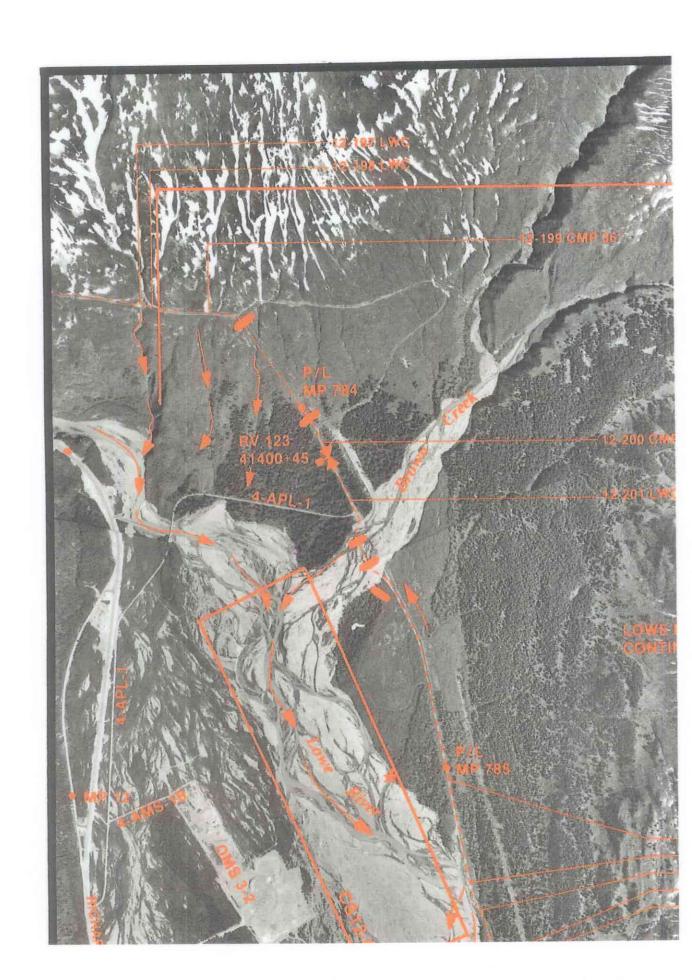
Region: Southcentral	USGS Quad:	Valdez A-6
Anadromous Water Catalog Number of Waterway:		Status:
Name of Waterway: Lowe River Tributary (Local Name of Waterway)	me) USGS Name	Local Name
Addition Deletion	Correction	Backup Information
	For Office Use	
Nomination #	Designal Companies	-
Revision Year:	Regional Supervisor	Date
Revision to: Atlas Catalog	AWC Project Biologist	Date
Both		
Revision Code:	Drafted	Date
SITE INFORMATION Station: JPOS102A08 Visit: 1		Longitude: -145.91841
SITE INFORMATION Station: JPOS102A08 Visit: 1	Legal Description:	1/4 Section , T, R,
STREAM PARAMETER Wetted OHW	Logal Book pro	
Width (m) 1.9 2.3	Water Temp. (C): 6.1 Stream Stage: Me	dium
Thalweg Depth (m) 0.25 0.36		
Station Comments: Upon walking downstream, discovered 26.	it is same as stream 02A05 and 02A06. Pictures downstr	ream culvert 25, upstream
SPECIES INFORMATION Dolly Varden	Life Stage: Juvenile/Adult Count: 1	Life History: Unknown
		p in:
Fish passage barrier at site: Unknown	Trap	out:
Species Comments: Stunned many fish; unable to capture	all but one.	1
Additional Comments:		
IMPORTANT: Provide all supporting documentation that this wat number of fish and life stages observed; sampling methods, sam showing location of mouth and observed upper extent of each spawning or rearing habitat; locations, types, and heights of any	npling duration and area sampled; copies of field notes; etc. Af pecies, as well as other information such as: specific stream re	tach a copy of a map
Name of Observer: Doug Lieb, Fisheries Biologist	Phone: (907)257-1307	Date Printed: 12/26/2002
Signature: Douglas W. L.	al contract of the contract of	
Address: Joint Pipeline Office, Alaska De		
411 W. 4th Avenue		
Anchorage, AK 99501 USA		
This certifies that in my best professional judgme should be included in or deleted from the Catalog Fishes per AS 16.05.870.	ent and belief the above information is evidence g of Waters Important for Spawning, Rearing or N	that this waterbody digration of Anadromous

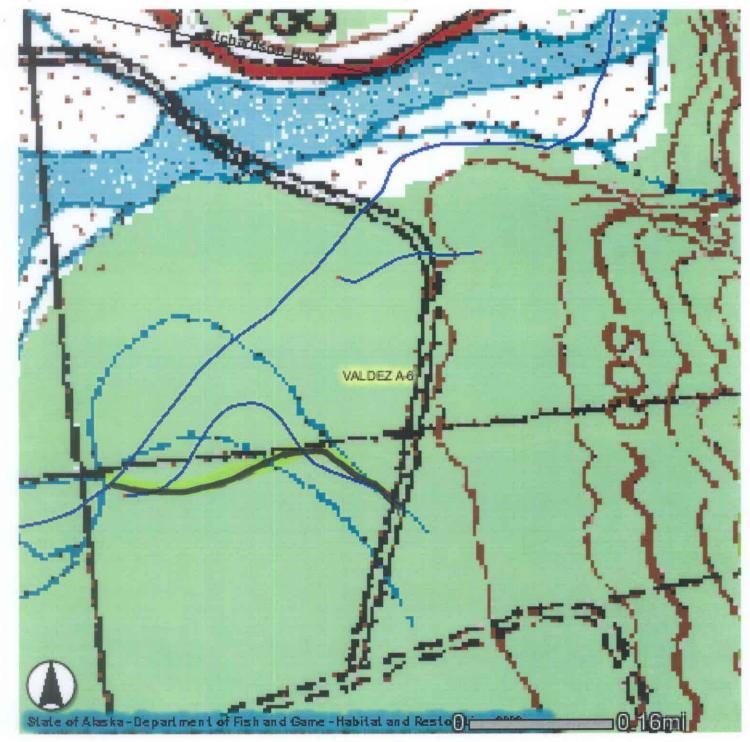
Appendix A2.-Stations 01A04, 02A01, 02A02, 02A03, 02A04, 02A05, 02A06, 02A07, 02A08, and 18A01.











Change Stream lecation 221-60-11370-2254-